"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

'RAVEN', F.I.

Pay more attention to shelterbelt afforestation. Zemledelie 4 no.7: 25-29 Jl '56. (MLRA 9:9)
(Windbreaks, sheltebelts, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I.

535 Opyr Vyrashchivaniya skumpil na Yugo-Vostoke.
M.-L., Goslesbumizdat, 1954. 40 s. s ill. 20 sm. 3.000 ekz.
75 k- /54-55431/ p 634.94 + 633.87

SO: Knizhnaya Letopis, Vol. 1, 1955

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I.

27855. Traven' F. I. O vzaimodeystvii korneyykh sistem sistem drevesnokustarnikovykh porod na stepnykh pochvakh. Les i step' 1949, No. 2 s. 48-53.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I.

Afforestation

Good undergrowth variety for steppe afforestation. Les i step' 5, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F.I., GRIBOV, V.V.

Oak

Young oaks live harmoniously. Les. i step' 4, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, DECEMBER 1952 ~~1953~~, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', Fedor Ivanovich; DUBININ, Petr Stepanovich; KRYLOVA, V.I., red.; PROKOF'YEVA, L.N., tekhn. red.

[Shelterbelt afforestation] Vyrashchivanie zashchitnykh lesonasazhdenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 191 p. (MIRA 14:8)
(Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

USSR / Forestry. Forest Crops K-4

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58416

Author : Traven', F. I., Dubinin, P. S.

Inst : Stavropol Scientific Research Inst. for Agriculture

Title : An Experiment in Growing Forest Belts in Kolkhozes of Stavropol'skaya Oblast.

Orig Pub: Zemledeliye, 1957, No 10, 60-66

Abstract: The reasons for the low efficiency of plantings recently made by kolkhozes (1956) are analyzed on the basis of data supplied by the inventory of forest belts. It is indicated that oak was stifled by second-rate genera in many cases; common ash and black locust were not viable on chestnut soils. Forest bands under arid conditions and

Card 1/3

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58416

without oak as a principal genus showed themselves biologically unstable and not durable. In order to avoid oak stifling by fast-growing genera, it is recommended that the oak (in combination with the fast-growing genera) not be cultivated in single rows but in more powerful bio-groups (by strips with 2-4 rows of hole line planting, placing sufficiently wide distances between the rows). This would permit a mechanized handling, and would guarantee the supremacy of oak without having to maintain its clearing (the experiment of the Stavropol scientific research agricultural institue is described). The experience of the Elistinskiy leskhoz showed also that an ample growth of young oaks is noticed in sowings in split furrows, prepared in the fall on black fal-

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

USSR / Forestry. Forest Crops K-4

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58416

low. It is suggested that one introduce fruit-berry genera (enumerated) instead of narrow-leafed oleaster in the outer belt rows. --I. A. Bashkirov

Card 3/3

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F.I.

DUBININ, P.S., inzh.-lesovod; TRAVEN', F.I., inzh.-lesovod.

Growing shelterbelts on collective farms in Stavropol Territory.
Zemledelie 5 no.10:60-66 O '57. (MIRA 10:11)
(Stavropol Territory--Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I.

Oak

Means of growing oak in the southeastern steppe districts. Les. khoz. No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 1953, Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I.

Oak.

Means of growing oak in the southeastern steppe districts. Les. khoz. no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953 Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

[illegible], P. I.

Sumac

Good undergrowth variety for steppe afforestation. Les i step' 5, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

[illegible], I. I.

Agriculture

Results of growing oak seed on chestnut soils of Stalingrad Province. Goslesbumizdat, 1951.

Monthly Lists of Russian Accessions Library of Congress

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I., DUBININ, P. S.

Oak

Growing oak in steppes under protection of snow screens of fast growing tree varieties. Les i step' no. 4, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F. I., DUBININ, P. S.

Windbreaks, Shelterbelts, etc.

Growing oak in steppes under protection of snow screens of fast growing tree varieties. Les i step' no. 4, 1952

Monthly List of Russian Accessions. Library of Congress, August 1952, Unclassified.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

1. TRAVEM', F. I.

2. USSR (600)

4. Chkalov Province - Smoke Tree

7. Experiment in growing the smoke tree in steppe areas of the Trans-Volga, Agrobiologiia, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

1. TRAVEN', F. I.

2. USSR (600)

4. Smoke Tree - Chkalov Province

7. Experiment in growing the smoke tree in steppe areas of the Trans-volga. Agrobiologiia No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN, J.

Yugoslavia (430)

Social Sciences - Serials

The Slovenian actress, Marija Vera. p. 236.
NASA ZENA. (Antifasisticna fronta zena
slovenije) Ljubjana. (Illustrated monthly
for women issued by the A nti-Fascist Women's
Front of Slovenia, with Young pioneers, a

East European Accessions List. Library of
Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED.

"Card 1 of 2"

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN, J.

Yugoslavia (430)

supplement for children). Vol. 10,
no. 8-9, 1952.

East European Accessions List. Library of Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED .

"Card 2 of 2"

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

STEPANOV, B.I.; ROZANEL'SKAYA, N.A.; TRAVEN', V.F.

Substitution of the halogen in azo compounds. Part 5: Effect of the nature of metal. Zhur.ob.khim. 32 no.11:3737-3741 N '62. (MIRA 15:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendelyeva.

(Azo compounds)
(Salts) (Halogens)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

EXCERPTA MEDICA Sec 8 Vol 12/4 NEUROLOGY Apr 59

1818. NUCLEAR ACOUSTIC APHASIA (THE SO-CALLED PURE WORD-DEAFNESS) - Nukleární akustická afasie. T. zv. čistá slovní hluchota - Travěnec I. Neurol. Klin. Lék. Fak. Palackého Univ., Olomouc - ACTA UNIV. PALACK. OLOMUCENSIS 1957, 13 (113-124) Graphs 1 Illus. 5

The case of an almost isolated residual nuclear acoustic aphasia of a right-handed person showing no signs whatever of other topical lesions is described in detail.

(VIII, 11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

EXCERPTA MEDICA Sec 8 Vol 12/4 NEUROLOGY Apr 59

1821. NUCLEAR OPTICAL ALEXIA - Nukleární optická alexie. Příspěvek k problému t.zv.čisté slovní slepoty - Travěnec I. Neurol. Klin. Lék. Fak. Palackého Univ., Olomouc - ACTA UNIV.PALACK.OLOMUCENSIS 1957, 13 (125-142) Graphs 2 Illus. 7

A case of right-sided occipito-temporal glioblastoma of a left-handed person is reported. The picture of the case was that of almost pure word-blindness. The case was traced clinically and experimentally and verified surgically. The author emphasizes the importance of the parietally localized nucleus of the proprioceptive analysor of the dominant hemisphere whose functional intactness in isolated alexia is evident and directly associated with an intact 'active' and 'passive' kinaesthesiol-exia.

(VIII, 12)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, I.

So-called complete deafness. Ideg.szemle 15 no.1:24-26 Ja '62.

1. A Palacky-Egletem Idegklinikajanak kozlemenye. Olmutz, Csehszlovakia igazgato: Hrbek Jar. egyetemi tanar, a Csehszlovak Tud. Akademia levelezo tagja).

(DEAFNESS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, I.

Pathogenesis of the basic symptoms of parkinsonism due to biochemical changes in the subcortical and stem structures of the extrapyramidal system. Cas. lek. cesk. 103 no.27:748-752 26 Je'64

1. Neurologicka klinika lekarske fakulty PU [Palackeho university] v Olomouci; prednosta: prof. dr. J.Hrbek, DrSc.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, I.

Some problems in contemporary clinical neurology and neurosurgery in the Hungarian People's Republic (Report on a visit to Hungarian neurological university institutions). Cesk. neurol. 25 no.1:70-74 Ja '62.

1. Neurologicka klinika Palackeho university v Olomouci, prednosta clen-korespondent CSAV prof. MUDr. Jar. Hrbek, DrSc.

(NEUROLOGY) (NEUROSURGERY)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, I.

Data on an experimental method in the study of aphasia. Ideggyogy. szemle 15 no.3:83-86 Mr '62.

1. A Palacky Egyetem Idegklinikajanak kozlemenye Olmutz, Csehszlovakia (igazgato: Mrbek Jar. egyetemi tanar, a Csehszlovak Tud. Akademia levelezo tagja)

(APHASIA physiol) (REFLEX CONDITIONED)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, I.

Stereotaxis. Cas.lek.cesk 100 no.27/28:Lek Veda Zahr:151-156 7 Jl '61.

1. Neurologicka klinika Palackeho university v Olomouci, prednosta clen-korespondent CSAV prof. MUDr. et Dr. Sc. J. Hrbek.

(BRAIN surg)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

1230. NUCLEAR ACOUSTIC APHASIA (THE SO-CALLED PURE WORD-DEAFNESS) - Nukleární akustická afasie. T. zv. čistá slovní hluchota - Travěnec I. Neurol. Klin. Lék. Fak. Palackého Univ., Olomouc - ACTA UNIV. PALACK. OLOMUCENSIS 1957, 13 (113-124) Graphs 1 Illus. 5

The case of an almost isolated residual nuclear acoustic aphasia of a right-handed person showing no signs whatever of other topical lesions is described in detail.

(VIII, 11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENEC, Igor, inz.

Hydrodynamic generator. Tech praca 16 no. 1:22-24 Ja '64.

1. Vyvojovy ustav pre mechanizaciu a automatizaciu, Nove Mesto nad Vahom.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENETS, I.

Very rare atypical neuralgias of the trigeminal nerve. Zhur. nevr. i psikh. 61 no.12:1802-1804 '61. (MIRA 15:7)

1. Klinika nervnykh bolezney (zav. kafedroy - chlen-korrespondent Chekhoslovatskoy Akademii nauk, doktor med. nauk prof. Ya. Grbek) meditsinskogo fakul'teta Universiteta imeni F. Palatskogo, Olomouts, Chekhoslovakiya.
(NEURALGIA, TRIGEMINAL)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENETS, I.

Neuralgia of the glossopharyngeal nerve. Zhur. nevr. i psikh. 62 no.2:266-268 '62. (MIRA 15:6)

1. Klinika nervnykh bolezney (zav. kafedroy - prof. Ya.Grbek) meditsinskogo fakul'teta Universiteta imeni F. Palatskogo, Olomouts, Chekhoslovakiya.
(GLOSSOPHARYNGEAL NERVE--DISEASES)
(NEURALGIA)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENETS, I. A., kand. med. nauk

Unusual observation of Hunt's neuralgia (neuralgia of the geniculate ganglion) associated with neuralgia of the glossopharyngeal nerve. Vest. otorin. no.2:97-99 '62. (MIRA 15:2)

1. Iz nevrologicheskoy kliniki universiteta imeni F. Palatskogo, Olomouts, Chekhoslovakiya.

(NEURALGIA, FACIAL) (GLOSSOPHARYNGEAL NERVE--DISEASES)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVENKO, N.D.

Snow blower for switches. Put' i put. khoz. 9 no.2:33 '65. (MIRA 18:7)

1. Stantsiya Krasnodar, Severo-Kavkazskoy dorogi.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVERSE, S.S.

Expenditures that are not indispensable. Fin. SSSR 18 no.12:61-62 D '57. (MIRA 11:1)

1.Kontroler-revizor Kontrol'no-revizionnogo upravleniya Ministerstva finansov RSFSR po Altayskomu krayu.
(Altai Territory--Schools)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIKIN, M.P.

Antibacterial properties of bark extracts from some trees and shrubs. Nauch.dokl.vys.shkoly; biol.nauki no.2:167-169 '60. (MIRA 13:3)

1. Rekomendovana kafedroy botaniki Chuvashskogo pedagogicheskogo instituta.
(PHYTONCIDES) (BARK)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A. A. and G. I. SIDOROV.

Izgotovlenie i remont shtampov; uchebn. posobie po povysheniiu kvalifikatsii rabochikh mashinostroit. predpriiatii. Moskva, Mashgiz, 1949. 110 p. diagrs.

(Manufacturing and repairing dies.)

DLC: TS253.S5

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

KOVANOV, Vladimir Vasil'yevich; TRAVIN, Anatoliy Afanas'yevich; LUBOTSKIY, D.N., red.

[Surgical anatomy of the lower extremities] Khirurgicheskaia anatomiia nizhnikh konechnostei. Moskva, Medgiz, 1963. 565 p. (MIRA 17:9)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A.A., dots.

Topographic anatomical basis for puncture of the aortic arch, innominate, carotid, subclavian, brachial and femoral arteries. Khirurgiia 34 no.12: 49-55 D '58. (MIRA 12:1)

1. Iz kafedry topograficheskoy anatomii i operativnoy khirurgii (zav. - prof. V.V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova.

(ARTERIES, anat. & histol.
topographic anat. basis for puncture of innominate, subclavian, carotid, brachial & femoarl arteries (Rus))
(AORTIC ARCH, anat. & histol.
topographo-anat. basis for puncture (Rus))

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A. A.

"Variants of the Middle Colon Artery in Relation to the Stomach-Colon Ligament and the Mesentery of the Transverse Colon." Sub 21 Apr 47, First Moscow Order of Lenin Medical Inst

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

Trovin, A. I.

29946

Anatomicheskoye obosnovaniye operativnogo dostupa k podkolyennoy arteryi v myshtye yeye dyelyeniye. Khirurgiya, 1949, No. 8, s. 53-61

SO: LYNCHIS' NO. 40

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A.A.

Technique of popliteal-femoral bypass anastomosis. Trudy 1-go MMI 16:173-180'62. (MIRA 16:6)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov) Pervogo Moskovskogo ordena Lenina meditsinskogo instituta.
(ARTERIES--SURGERY) (EXTREMITIES, LOWER--SURGERY)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

ANIKINA, T.I., dots.; BOGUSLAVSKAYA, T.B., ass.; BOMASH, Yu.M., dots.; GEYMAN, D.V., ass.; GRENADEROV, Yu.V., ass.; DOBROVA, N.B., ass.; KLEPIKOV, V.A., ass.; ZUBRILOVA, A.V., ass.; KULIK, V.P., mlad. nauchn. sotr.; NIKOLAYEV, F.D., dots. [deceased]; SYCHENIKOV, I.A., dots.; TRAVIN, A.A., ispoln. obyazannosti prof.; RYBALKIN, P.Ye., ass.; KOVANOV, V.V., prof., red.; PROKOF'YEV, V.P., red.; ZAGOREL'SKIY, Ya.I., tekhn. red.

[Special methodology for practical work in topographic anatomy and operative surgery] Chastnaia metodika prakticheskikh zaniatii po topograficheskoi anatomii i operativnoi khirurgii. Izd.2., perer. i dop. Pod red. V.V.Kovanova. Moskva, 1963. 224 p. (MIRA 16:12)

1. Moscow. Pervyy meditsinskiy institut. 2. Kollektiv prepodavateley kafedry operativnoy khirurgii i topograficheskoy anatomii 1-go Moskovskogo instituta imeni I.M.Sechenova (for all except Prokof'yev, Zagorel'skiy). 3. Zaveduyushchiy kafedroy operativnoy khirurgii i topograficheskoy anatomii 1-go Moskovskogo instituta imeni I.M.Sechenova , chlena-korrespondent AMN SSSR (for Kovanov).

(ANATOMY, SURGICAL AND TOPOGRAPHICAL)
(SURGERY, OPERATIVE)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A.A.

Posterointernal approach to the popliteal vessels through the sheaths of the semimembraneous and medial head of the musculus gastrocnemius. Trudy I-go MMI 16:166-172'62.
(MIRA 16:6)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov) Pervogo Moskovskogo ordena Lenina meditsinskogo instituta.
(ARTERIES—SURGERY) (EXTREMITIES, LOWER—SURGERY)

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TRAVIN, A.A.

Orienting anatomy of the approaches and the technique of femoralpopliteal shunting. Trudy 1-go MMI 16:155-165'62.
(MIRA 16:6)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov) Pervogo Moskovskogo ordena Lenina meditsinskogo instituta.
(ARTERIES—SURGERY) (EXTREMITIES, LOWER—SURGERY)

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TRAVIN, A.B.
Aleksey Borisovich

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c/1961

1962/4

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GEOLOGY

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VOSKRESENSKIY, V.V., kand.tekhn.nauk; BARAKAYEV, Kh.F., inzh.; TRAVIN, L.V., inzh.

Physical model for the d.c. transmission system from the Stalingrad Hydroelectric Power Station to the Donets Basin. Elektrichestvo no.2:28-35 F '60. (MIRA 13:5)

1. Vsesoyuznyy elektrotekhnicheskiy institut imeni Lenina.
(Electric power distribution--Direct current)

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GRIDNEV, V.N.; TREFILOV, V.I.; BUTYLENKO, A.K.

Effect of structure on the plasticity of chromium. Issl.po. zharopr.splav. 4:226-236 '59. (MIRA 13:5)
(Chromium--Metallography)

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TRENINA, Ye.I.

Distribution of bottom vegetation in the Karadag region of the Black Sea. Trudy Karad.biol.sta. no.15 '59. (MIRA 13:5)
(Black Sea--Marine flora)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRENOGIN, V.A.

Ramification of solutions of nonlinear equations in an analytic case. Trudy MFTI no.3:276-283 '59. (MIRA 13:5)
(Integral equations)

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TRESKOV, A.A.

PHASE I BOOK EXPLOITATION [illegible]

Akademiya nauk SSSR. Sovet po seysmologii

Byulleten', No. 8: Voprosy seysmicheskogo rayonirovaniya ([illegible] Council on Seismology, Academy of Sciences [illegible], No. 8: [illegible] Division Into Seismological Districts) Moscow, 19[illegible]. [illegible] copies printed.

Resp. Ed.: S. V. Medvedev, Doctor of Technical Sciences; [illegible] Ed.: L. A. [illegible], and L. M. Mikhaylova; [illegible]

PURPOSE: This publication is intended for seismologists.

COVERAGE: The publication contains articles based on [illegible] meeting of the Council on Seismology held in [illegible] articles reflect the present state of [illegible] ization" and discuss the following problems: [illegible] ization and microregionalization, methods of [illegible] seismic [illegible], instrument and descriptive [illegible] seismic regions of the USSR, and the relation [illegible] geological structure. The articles are [illegible]

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ANDRONOV, A.A.; TRAKHTENGERTS, V.Yu.

Kinetic instability of the earth's outer radiation belt. Geomag. i aer. 4 no.2:233-242 Mr-Ap '64. (MIRA 17:4)

1. Radiofizicheskiy institut pri Gor'kovskom gosudarstvennom universitete.

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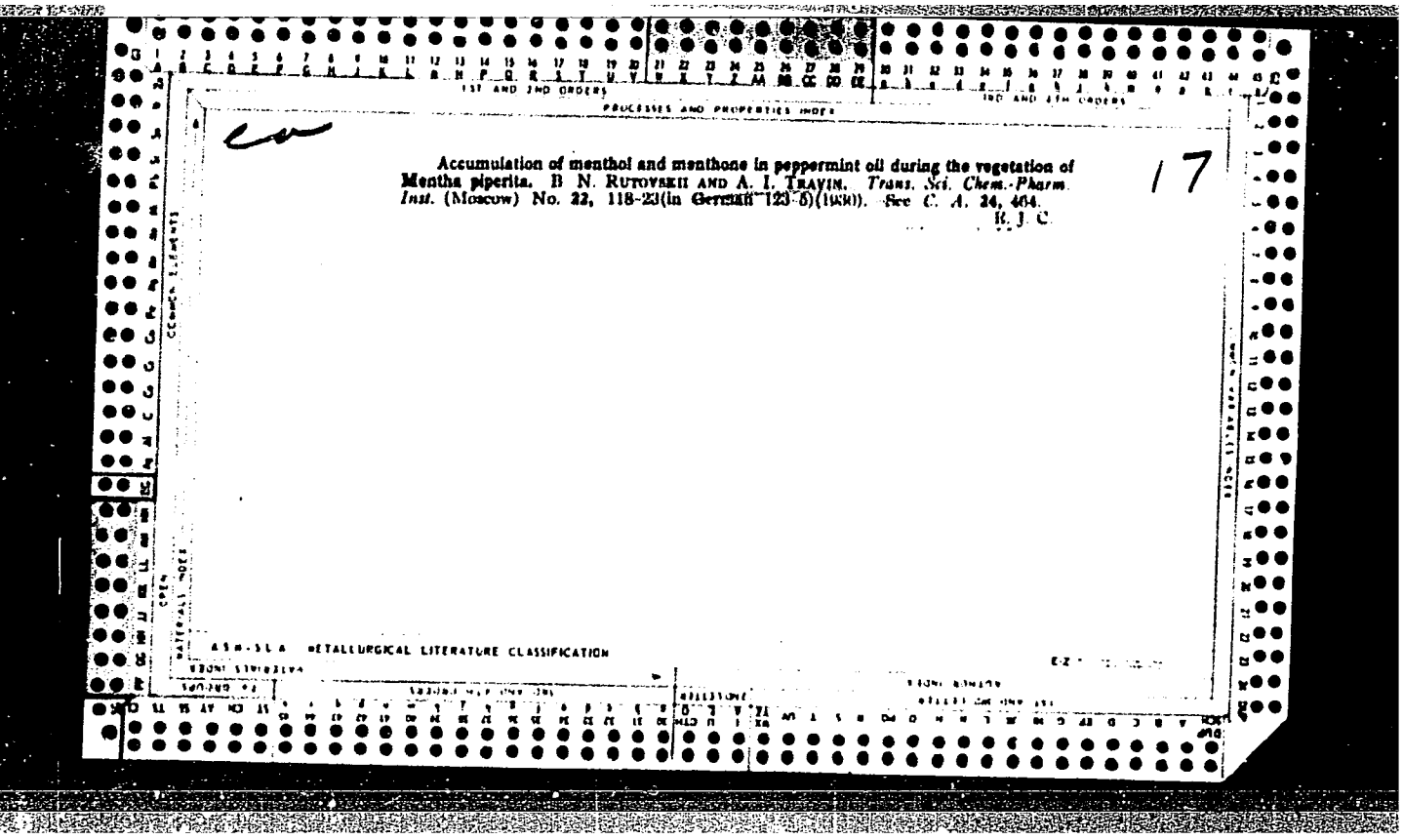

Accumulation of menthol and menthone in peppermint oil during the vegetation of Mentha piperita. B N. Rutovskii and A. I. Travin. *Trans. Sci. Chem.-Pharm. Inst.* (Moscow) No. 22, 118-23(in German 123-5)(1930). See *C. A.* 24, 464.

17

R. J. C.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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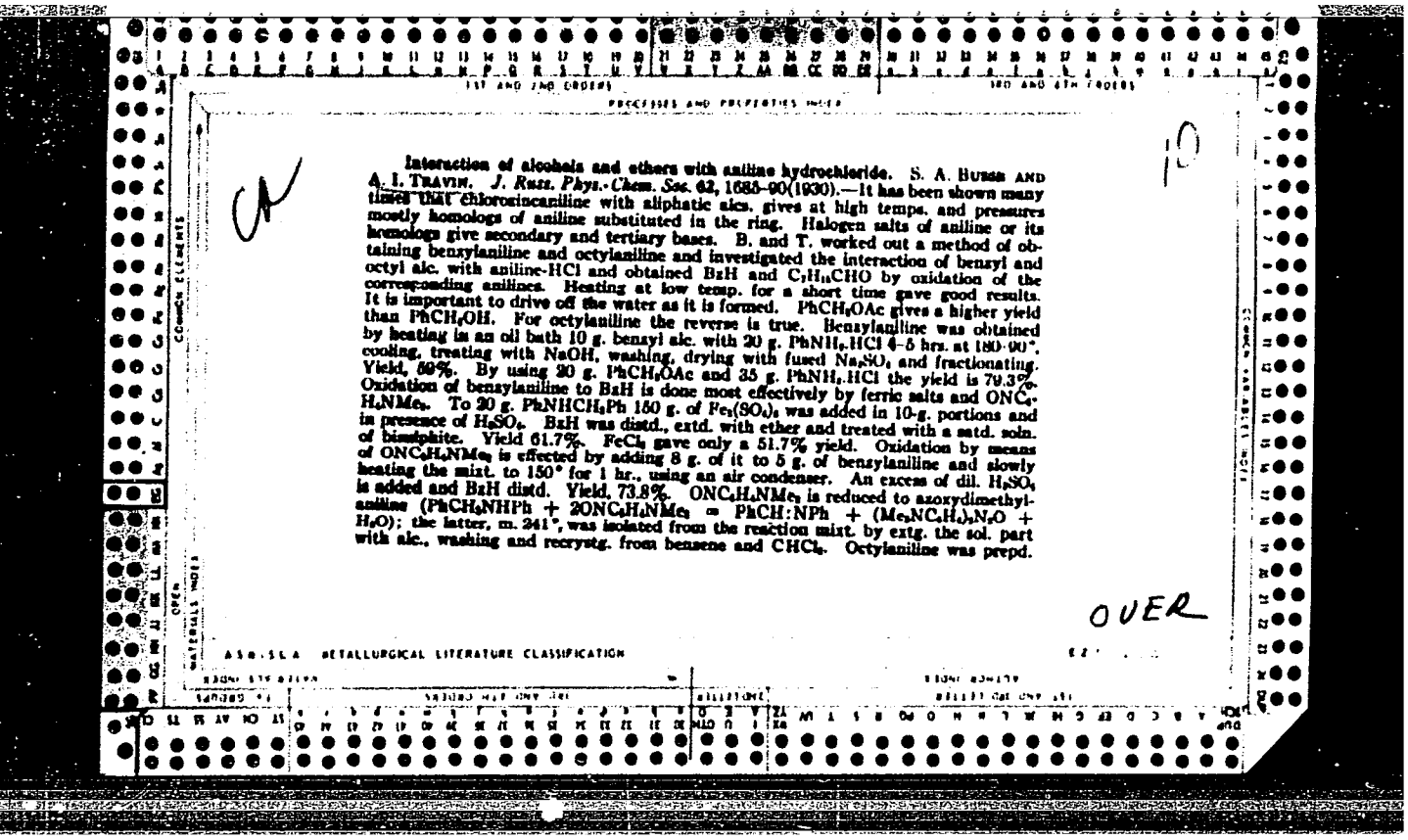

Interaction of alcohols and ethers with aniline hydrochloride. S. A. Buzas and A. I. Travin. *J. Russ. Phys.-Chem. Soc.* 62, 1685–90(1930).—It has been shown many times that chlorosubstituted aniline with aliphatic alcs. gives at high temps. and pressures mostly homologs of aniline substituted in the ring. Halogen salts of aniline or its homologs give secondary and tertiary bases. B. and T. worked out a method of obtaining benzylaniline and octylaniline and investigated the interaction of benzyl and octyl alc. with aniline-HCl and obtained BzH and $C_7H_{14}CHO$ by oxidation of the corresponding anilines. Heating at low temp. for a short time gave good results. It is important to drive off the water as it is formed. $PhCH_2OAc$ gives a higher yield than $PhCH_2OH$. For octylaniline the reverse is true. Benzylaniline was obtained by heating in an oil bath 10 g. benzyl alc. with 20 g. $PhNH_2.HCl$ 4–5 hrs. at 180–90°, cooling, treating with NaOH, washing, drying with fused Na_2SO_4 and fractionating. Yield, 59%. By using 20 g. $PhCH_2OAc$ and 35 g. $PhNH_2.HCl$ the yield is 79.3%. Oxidation of benzylaniline to BzH is done most effectively by ferric salts and $ONC_6H_4NMe_2$. To 20 g. $PhNHCH_2Ph$ 150 g. of $Fe_2(SO_4)_3$ was added in 10-g. portions and in presence of H_2SO_4. BzH was distd., extd. with ether and treated with a satd. soln. of bisulphite. Yield 61.7%. $FeCl_3$ gave only a 51.7% yield. Oxidation by means of $ONC_6H_4NMe_2$ is effected by adding 8 g. of it to 5 g. of benzylaniline and slowly heating the mixt. to 150° for 1 hr., using an air condenser. An excess of dil. H_2SO_4 is added and BzH distd. Yield, 73.8%. $ONC_6H_4NMe_2$ is reduced to azoxydimethylaniline ($PhCH_2NHPh + 2ONC_6H_4NMe_2 = PhCH{:}NPh + (Me_2NC_6H_4)_2N_2O + H_2O$); the latter, m. 241°, was isolated from the reaction mixt. by extg. the sol. part with alc., washing and recrystg. from benzene and $CHCl_3$. Octylaniline was prepd.

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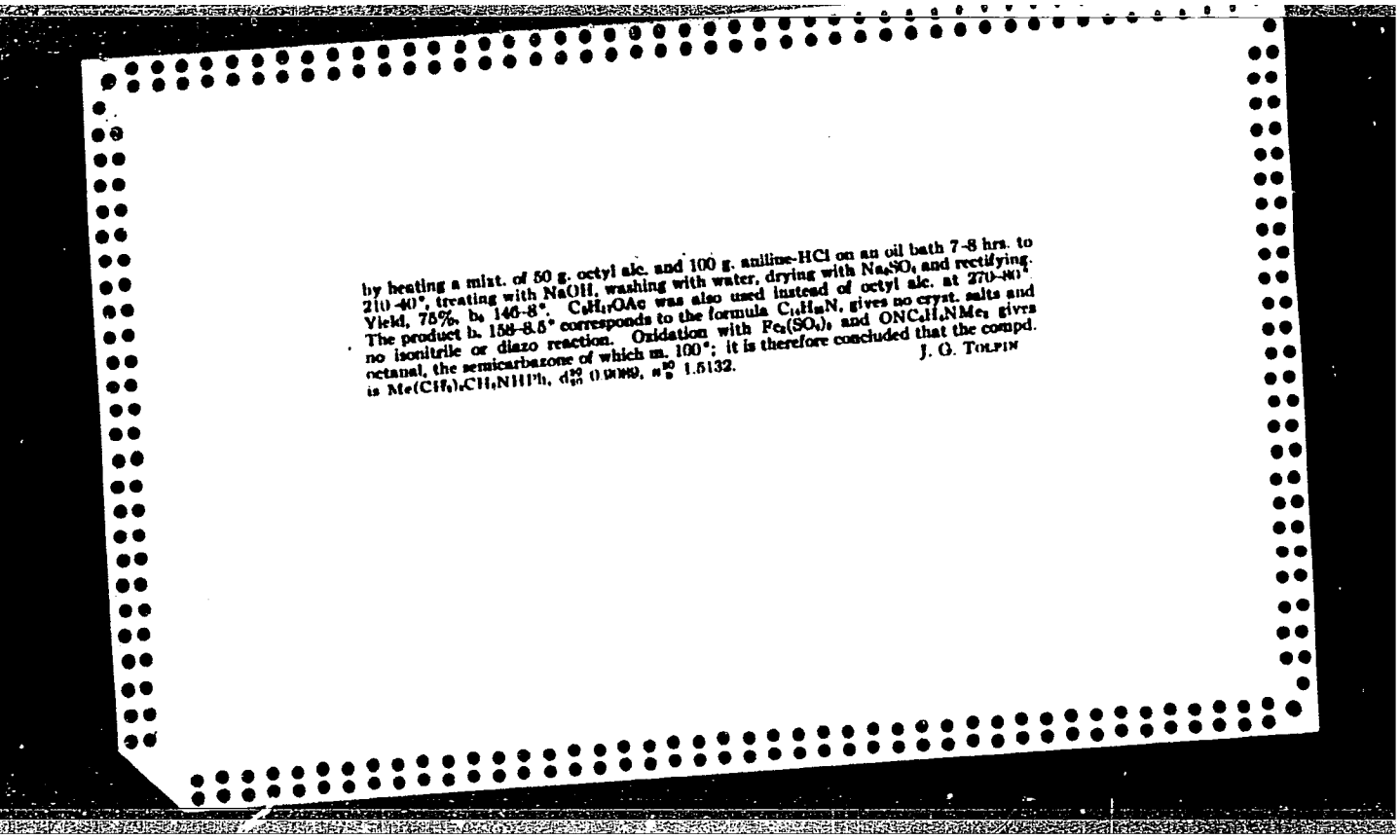

by heating a mixt. of 50 g. octyl alc. and 100 g. aniline-HCl on an oil bath 7–8 hrs. to 210–40°, treating with NaOH, washing with water, drying with Na_2SO_4 and rectifying. Yield, 75%. b_4 146–8°. $C_8H_{17}OAc$ was also used instead of octyl alc. at 270–80°. The product b. 158–8.5° corresponds to the formula $C_{14}H_{23}N$, gives no cryst. salts and no isonitrile or diazo reaction. Oxidation with $Fe_2(SO_4)_3$ and $ONC_6H_4NMe_2$ gives octanal, the semicarbazone of which m. 100°; it is therefore concluded that the compd. is $Me(CH_2)_6CH_2NHPh$, d_{20}^{20} 0.9089, n_D^{20} 1.5132.

J. G. TOLPIN

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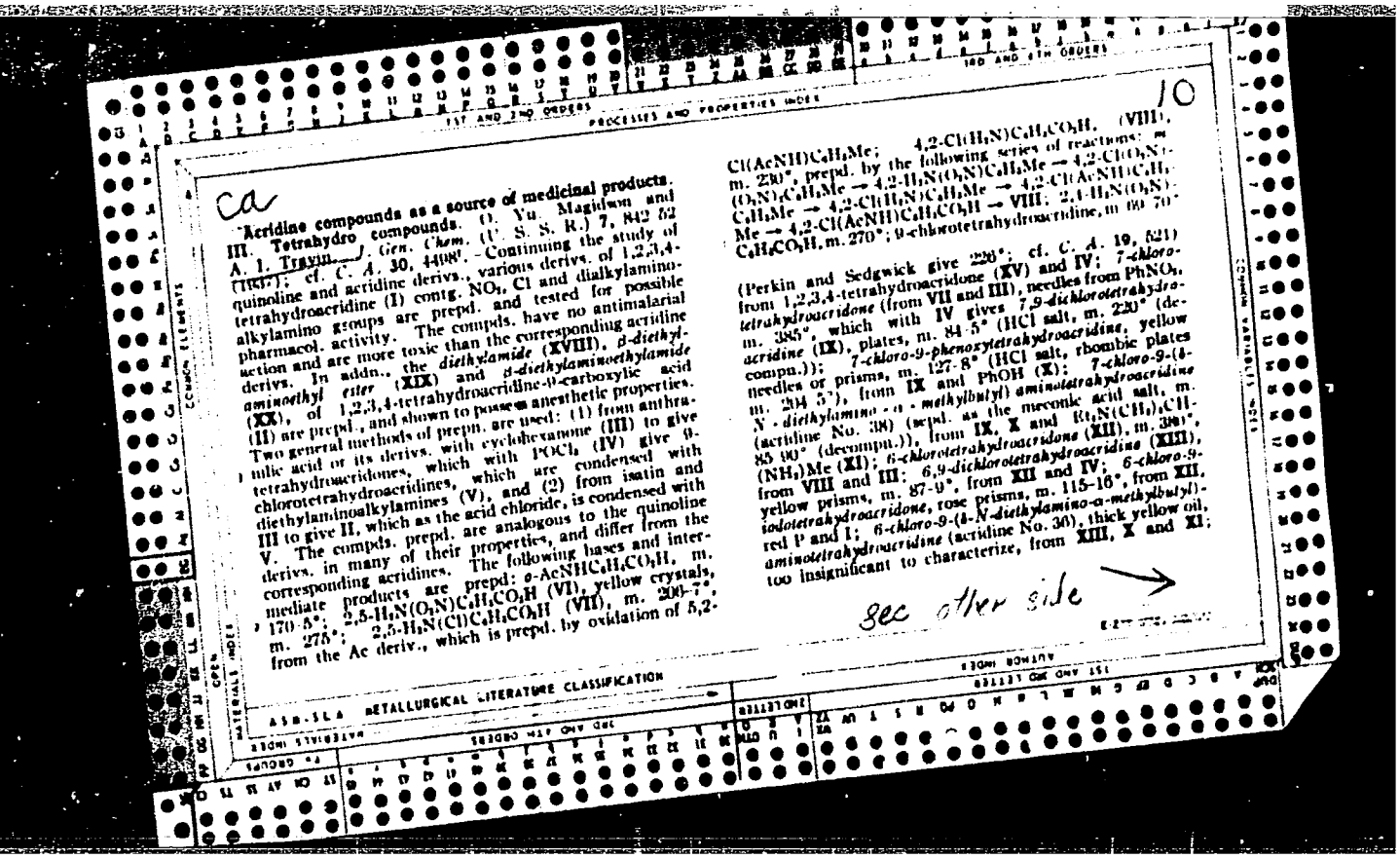

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Acridine compounds as a source of medicinal products. III. Tetrahydro compounds. O. Yu. Magidson and A. I. Travin. *J. Gen. Chem.* (U. S. S. R.) 7, 842-52 (1937); cf. *C. A.* 30, 4408⁸. Continuing the study of quinoline and acridine derivs., various derivs. of 1,2,3,4-tetrahydroacridine (I) contg. NO_2, Cl and dialkylamino-alkylamino groups are prepd. and tested for possible pharmacol. activity. The compds. have no antimalarial action and are more toxic than the corresponding acridine derivs. In addn., the *diethylamide* (XVIII), *β-diethylaminoethyl ester* (XIX) and *β-diethylaminoethylamide* (XX), of 1,2,3,4-tetrahydroacridine-9-carboxylic acid (II) are prepd., and shown to possess anesthetic properties. Two general methods of prepn. are used: (1) from anthranilic acid or its derivs. with cyclohexanone (III) to give tetrahydroacridones, which with $POCl_3$ (IV) give 9-chlorotetrahydroacridines (V), and (2) from isatin and diethylaminoalkylamines (V), and (2) from isatin and III to give II, which as the acid chloride, is condensed with V. The compds. prepd. are analogous to the quinoline derivs. in many of their properties, and differ from the corresponding acridines. The following bases and intermediate products are prepd: *o*-AcNHC$_6$H$_4$CO$_2$H (VI), yellow crystals, m. 170-5°; 2,5-$H_2N(O_2N)C_6H_3CO_2H$ (VII), m. 200-1°, m. 275°; 2,5-$H_2N(Cl)C_6H_3CO_2H$ (VII), m. 200-1°, from the Ac deriv., which is prepd. by oxidation of 5,2-Cl(AcNH)C$_6$H$_3$Me; 4,2-Cl(H_2N)C$_6$H$_3$CO$_2$H, (VIII), m. 280°, prepd. by the following series of reactions: m-(O_2N)C$_6$H$_3$Me → 4,2-$H_2N(O_2N)C_6H_3Me$ → 4,2-Cl(O_2N)-C$_6$H$_3$Me → 4,2-Cl(H_2N)C$_6$H$_3$Me → 4,2-Cl(AcNH)C$_6$H$_3$-Me → 4,2-Cl(AcNH)C$_6$H$_3$CO$_2$H → VIII; 2,4-$H_2N(O_2N)$-C$_6$H$_3$CO$_2$H, m. 270°; 9-chlorotetrahydroacridine, m. 69-70° (Perkin and Sedgwick give 220°; cf. *C. A.* 19, 521) from 1,2,3,4-tetrahydroacridone (XV) and IV; *7-chlorotetrahydroacridone* (from VII and III), needles from $PhNO_2$, m. 385°, which with IV gives *7,9-dichlorotetrahydroacridine* (IX), plates, m. 84-5° (HCl salt, m. 220° (decompn.)); *7-chloro-9-phenoxytetrahydroacridine*, yellow needles or prisms, m. 127-8° (HCl salt, rhombic plates m. 204-5°), from IX and PhOH (X); *7-chloro-9-(4-N-diethylamino-α-methylbutyl) aminotetrahydroacridine* (acridine No. 38) (acpd. as the meconic acid salt, m. 85-90° (decompn.)), from IX, X and $Et_2N(CH_2)_3CH(NH_2)Me$ (XI); *6-chlorotetrahydroacridone* (XII), m. 300°, from VIII and III; *6,9-dichlorotetrahydroacridine* (XIII), yellow prisms, m. 87-9°, from XII and IV; *6-chloro-9-iodotetrahydroacridone*, rose prisms, m. 115-16°, from XII, red P and I; *6-chloro-9-(4-N-diethylamino-α-methylbutyl)-aminotetrahydroacridine* (acridine No. 36), thick yellow oil, too insignificant to characterize, from XIII, X and XI;

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7-nitrotetrahydroacridone (XIV), green powder, m. 324–5° (decompn.), from VI and III, or from XV, H_2SO_4, and KNO_3; *7-nitro-9-chlorotetrahydroacridine*, slightly rose prisms, m. 148.0°, from XIV and IV; *6-nitro-9-chlorotetrahydroacridine* (XVI), slightly rose needles, m. 140–50°, from *6-nitrotetrahydroacridone* and IV; *6-nitro-9-(δ-N-diethylamino-α-methylbutyl) aminotetrahydroacridine* (acridine No. 37) (sepd. as the meconic acid salt, yellow, m. 110–15° (decompn.)), from XVI and XI in a sealed tube at 200–10° for 4 hrs.; II, prepd. by the method of Borsche (*C. A.* 2, 2807⁹); *acid chloride*, from II, IV and PCl_5, which is isolated as the *HCl salt* (XVII), almost colorless prisms, m. 198 200° (decompn.); XVIII, needle-like crystals, m. 102–3°, from XVII and Et_2NH with subsequent decompn. by NaOH; XVIII.*HCl*, m. 245–6°; XIX.*2HCl*, m. 188–9°, from XVII and $Et_2N(CH_2)_2OH$; XX.*2HCl*, m. 246–8°, from XVII and $Et_2N(CH_2)_3NH_2$. Nineteen references.

John Livak

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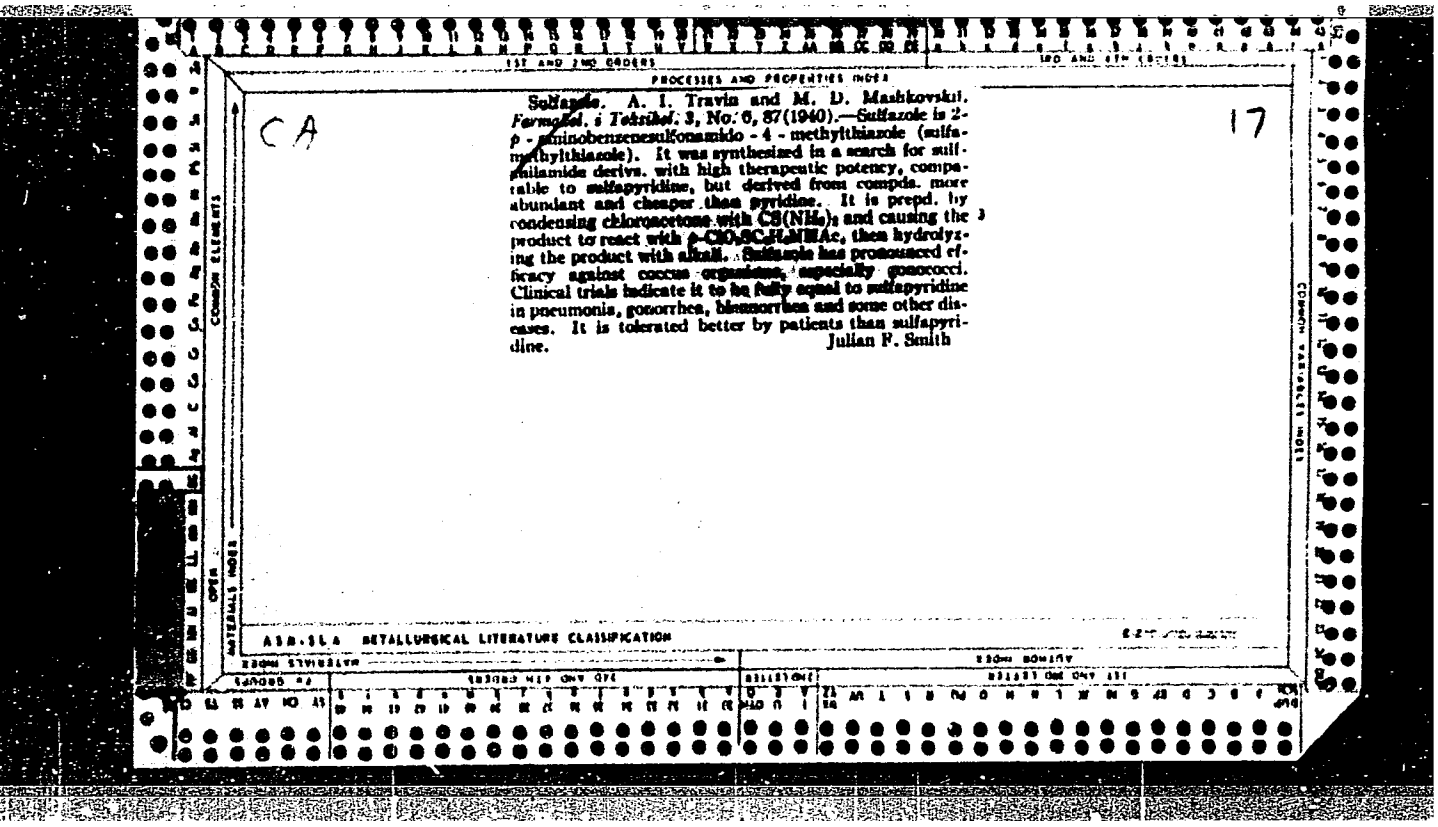

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Sulfazole. A. I. Travin and M. D. Mashkovskii. *Farmakol. i Toksikol.* 3, No. 6, 87(1940).—Sulfazole is 2-*p*-aminobenzenesulfonamido-4-methylthiazole (sulfamethylthiazole). It was synthesized in a search for sulfanilamide derivs. with high therapeutic potency, comparable to sulfapyridine, but derived from compds. more abundant and cheaper than pyridine. It is prepd. by condensing chloroacetone with $CS(NH_2)_2$ and causing the product to react with *p*-$ClO_2SC_6H_4NHAc$, then hydrolyzing the product with alkali. Sulfazole has pronounced efficacy against coccus organisms, especially gonococci. Clinical trials indicate it to be fully equal to sulfapyridine in pneumonia, gonorrhea, blennorrhea and some other diseases. It is tolerated better by patients than sulfapyridine.

Julian F. Smith

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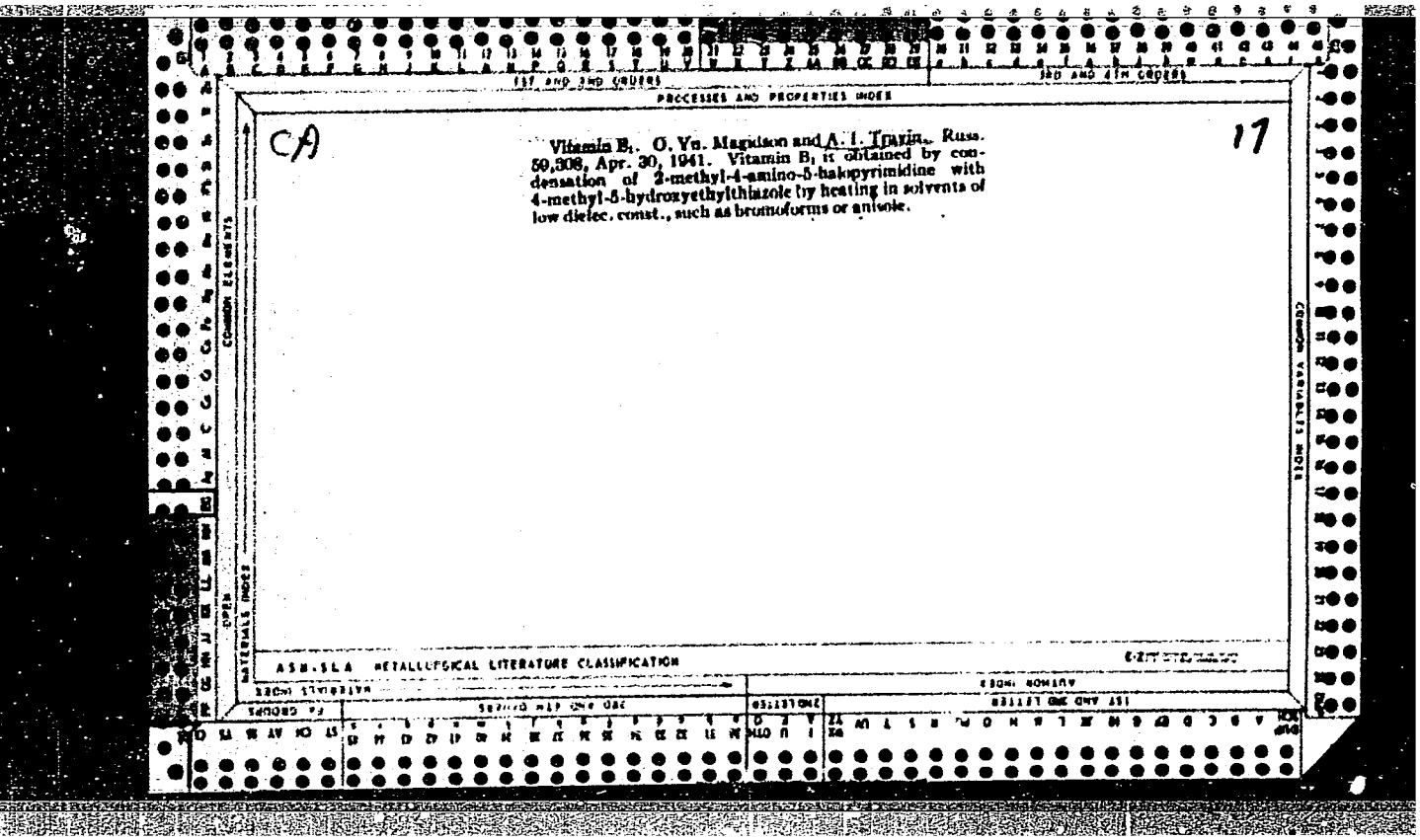

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Vitamin B$_1$. O. Yu. Magidson and A. I. Tsarin. Russ. 59,308, Apr. 30, 1941. Vitamin B$_1$ is obtained by condensation of 2-methyl-4-amino-5-bakopyrimidine with 4-methyl-5-hydroxyethylthiazole by heating in solvents of low dielec. const., such as bromoforms or anisole.

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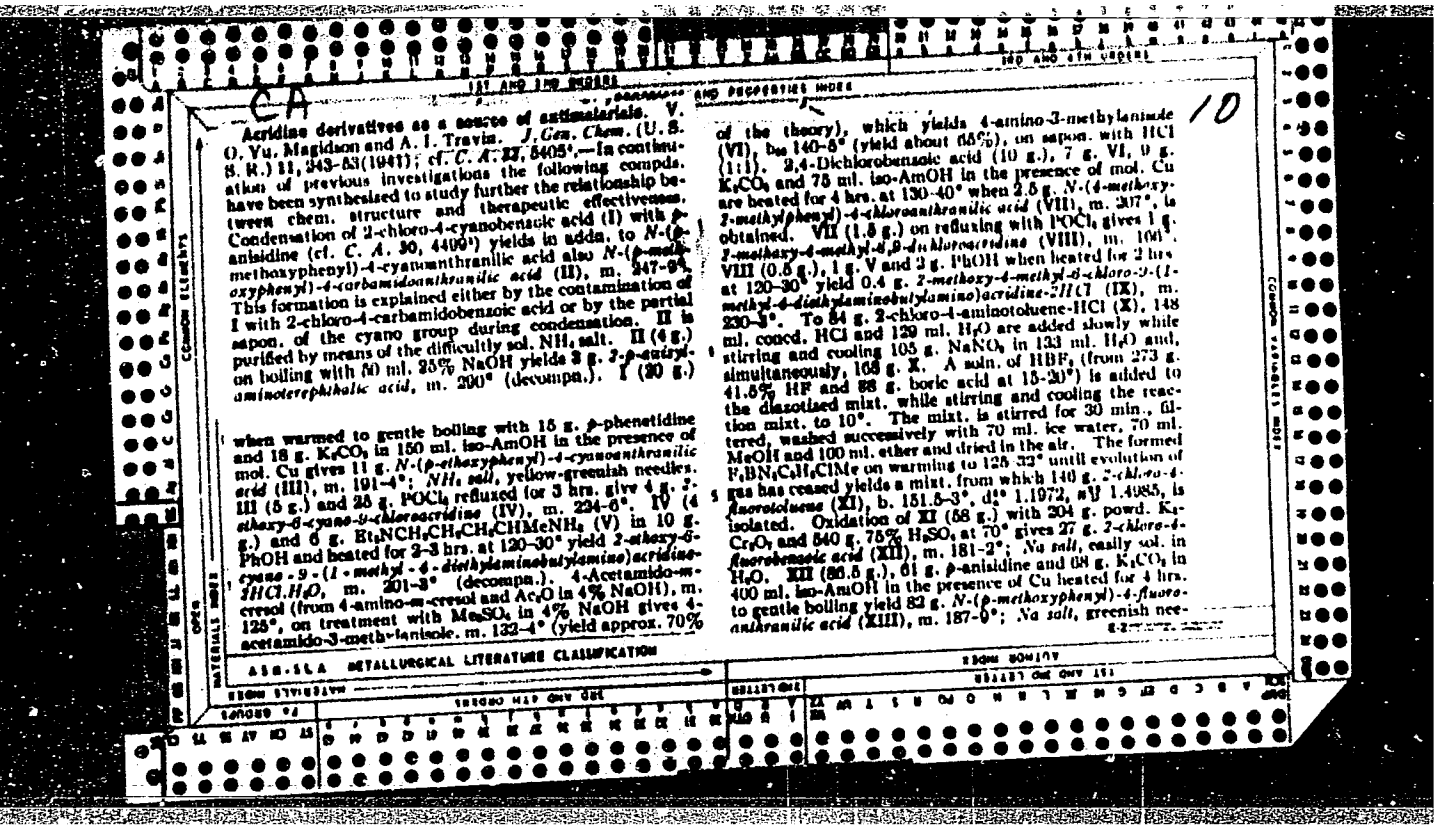

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Acridine derivatives as a source of antimalarials. V. O. Yu. Magidson and A. I. Travin. *J. Gen. Chem.* (U. S. S. R.) 11, 343-83(1941); cf. *C. A.* 32, 5405°.—In continuation of previous investigations the following compds. have been synthesized to study further the relationship between chem. structure and therapeutic effectiveness. Condensation of 2-chloro-4-cyanobenzoic acid (I) with *p*-anisidine (cf. *C. A.* 30, 4409°) yields in addn. to *N*-(*p*-methoxyphenyl)-4-cyanoanthranilic acid also *N*-(*p*-methoxyphenyl)-4-*carbamidoanthranilic acid* (II), m. 247-9°. This formation is explained either by the contamination of I with 2-chloro-4-carbamidobenzoic acid or by the partial sapon. of the cyano group during condensation. II is purified by means of the difficultly sol. NH_4 salt. II (4 g.) on boiling with 50 ml. 25% NaOH yields 3 g. *3-p-anisyl-aminoterephthalic acid*, m. 290° (decompn.). I (20 g.) when warmed to gentle boiling with 15 g. *p*-phenetidine and 18 g. K_2CO_3 in 150 ml. iso-AmOH in the presence of mol. Cu gives 11 g. *N*-(*p-ethoxyphenyl*)-*4-cyanoanthranilic acid* (III), m. 191-4°; *NH_4 salt*, yellow-greenish needles. III (5 g.) and 25 g. $POCl_3$ refluxed for 3 hrs. give 4 g. *2-ethoxy-6-cyano-9-chloroacridine* (IV), m. 224-6°. IV (4 g.) and 6 g. $Et_2NCH_2CH_2CH(Me)NH_2$ (V) in 10 g. PhOH and heated for 2-3 hrs. at 120-30° yield *2-ethoxy-6-cyano-9-(1-methyl-4-diethylaminobutylamino)acridine-3HCl.H_2O*, m. 201-3° (decompn.). 4-Acetamido-*m*-cresol (from 4-amino-*m*-cresol and Ac_2O in 4% NaOH), m. 128°, on treatment with Me_2SO_4 in 4% NaOH gives 4-acetamido-3-methylanisole, m. 132-4° (yield approx. 70% of the theory), which yields 4-amino-3-methylanisole (VI), bp. 140-5° (yield about 65%), on sapon. with HCl (1:1). 2,4-Dichlorobenzoic acid (10 g.), 7 g. VI, 9 g. K_2CO_3 and 75 ml. iso-AmOH in the presence of mol. Cu are heated for 4 hrs. at 130-40° when 2.5 g. *N*-(*4-methoxy-3-methylphenyl*)-*4-chloroanthranilic acid* (VII), m. 207°, is obtained. VII (1.5 g.) on refluxing with $POCl_3$ gives 1 g. *2-methoxy-4-methyl-6,9-dichloroacridine* (VIII), m. 160°. VIII (0.5 g.), 1 g. V and 2 g. PhOH when heated for 2 hrs. at 120-30° yield 0.4 g. *2-methoxy-4-methyl-6-chloro-9-(1-methyl-4-diethylaminobutylamino)acridine-2HCl* (IX), m. 230-3°. To 84 g. 2-chloro-4-aminotoluene-HCl (X), 148 ml. concd. HCl and 129 ml. H_2O are added slowly while stirring and cooling 105 g. $NaNO_2$ in 133 ml. H_2O and, simultaneously, 168 g. X. A soln. of HBF_4 (from 273 g. 41.5% HF and 88 g. boric acid at 15-20°) is added to the diazotized mixt. while stirring and cooling the reaction mixt. to 10°. The mixt. is stirred for 30 min., filtered, washed successively with 70 ml. ice water, 70 ml. MeOH and 100 ml. ether and dried in the air. The formed $F_4BN_2C_6H_3ClMe$ on warming to 125-32° until evolution of gas has ceased yields a mixt. from which 140 g. *2-chloro-4-fluorotoluene* (XI), b. 151.5-3°, d_4^{20} 1.1972, n_D^{20} 1.4985, is isolated. Oxidation of XI (58 g.) with 204 g. powd. $K_2Cr_2O_7$ and 540 g. 75% H_2SO_4 at 70° gives 27 g. *2-chloro-4-fluorobenzoic acid* (XII), m. 181-2°; *Na salt*, easily sol. in H_2O. XII (86.5 g.), 61 g. *p*-anisidine and 68 g. K_2CO_3 in 400 ml. iso-AmOH in the presence of Cu heated for 4 hrs. to gentle boiling yield 82 g. *N*-(*p-methoxyphenyl*)-*4-fluoroanthranilic acid* (XIII), m. 187-9°; *Na salt*, greenish nee-

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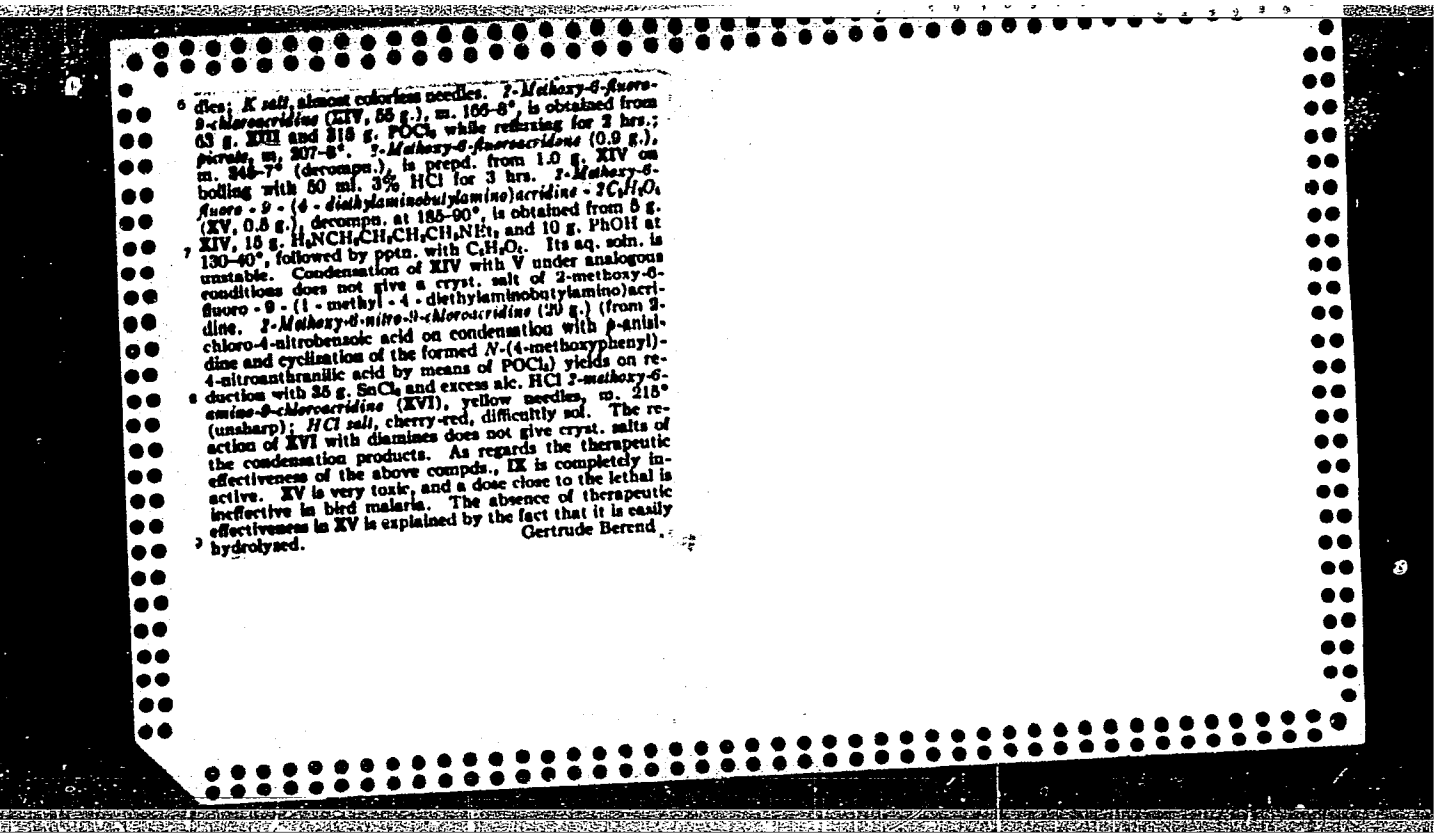

dles; *K salt*, almost colorless needles. *2-Methoxy-6-fluoro-9-chloroacridine* (XIV, 55 g.), m. 166–8°, is obtained from 63 g. XIII and 318 g. $POCl_3$ while refluxing for 2 hrs.; *picrate*, m. 207–8°. *2-Methoxy-6-fluoroacridone* (0.9 g.), m. 346–7° (decompn.), is prepd. from 1.0 g. XIV on boiling with 50 ml. 3% HCl for 3 hrs. *2-Methoxy-6-fluoro-9-(4-diethylaminobutylamino)acridine*·$2C_6H_5O_7$ (XV, 0.8 g.), decompn. at 185–90°, is obtained from 5 g. XIV, 15 g. $H_2NCH_2CH_2CH_2CH_2NEt_2$ and 10 g. PhOH at 130–40°, followed by pptn. with $C_6H_8O_7$. Its aq. soln. is unstable. Condensation of XIV with V under analogous conditions does not give a cryst. salt of 2-methoxy-6-fluoro-9-(1-methyl-4-diethylaminobutylamino)acridine. *2-Methoxy-6-nitro-9-chloroacridine* (XV) (from 2-chloro-4-nitrobenzoic acid on condensation with *p*-anisidine and cyclization of the formed *N*-(4-methoxyphenyl)-4-nitroanthranilic acid by means of $POCl_3$) yields on reduction with 35 g. $SnCl_2$ and excess alc. HCl *2-methoxy-6-amino-9-chloroacridine* (XVI), yellow needles, m. 218° (unsharp); *HCl salt*, cherry-red, difficultly sol. The reaction of XVI with diamines does not give cryst. salts of the condensation products. As regards the therapeutic effectiveness of the above compds., IX is completely inactive. XV is very toxic, and a dose close to the lethal is ineffective in bird malaria. The absence of therapeutic effectiveness in XV is explained by the fact that it is easily hydrolyzed.

Gertrude Berend

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LOMOZOVA, Nadezhda Zinov'yevna; KURBAKOVA, Galina Mikhaylovna; TRAVIN, A.A., otv. red.; KONDRAT'YEVA, V.P., red.

[Black and white television receivers in the U.S.A. and the German Federal Republic; survey of network and design calculations] Televizionnye priemniki cherno-belogo izobrazheniia SShA i FRG; obzor skhemnykh i konstruktivnykh reshenii. Moskva, Izd-vo "Sviaz'," 1964. 47 p. (Biblioteka televizionnykh priem, no.14) (MIRA 17:8)

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TRAVIN, A.A. (Moskva, K-9, Sobinovskiy per., 6, kv.14)

Topographical anatomical variations in the middle colic artery. Arkh. anat., gist. i embr. 42 no.5:44-49 My '62. (MIRA 15:6)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.

(COLON—BLOOD SUPPLY)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

SHPIL'MAN, Yevgeniy Markovich; BUKHMAN, David Romanovich; TRAVIN, A.A., otv. red.; KONDRAT'YEVA, V.P., red.

["Belarus'-110" television and radio-phonograph console] Teleradiola "Belarus'-110." Moskva, Sviaz', 1965. 71 p. (Biblioteka "Televizionnyi priem," no.21) (MIRA 18:11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A.I., DYKHANOV, N.N., UGLETSKAYA, Ye.K.

Production of the ethyl ester of isonicotinic acid. Med.prom. 12 no.11:37-38 N'58 (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(ISONICOTINIC ACID)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, A.I.; FEDOROV, V.S.

Synthesis of the butyl ester of acetoacetic acid. Med.prom. 13 no.1:35-38 Ja '59. (MIRA 12:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(ACETOACETIC ACID)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN, Anton

Fourth International Exhibition of Textile Machines, Hannover.
Automatika 5 no.1:57-58 '64.

1. Member of the Maribor Board of Editors, "Automatika".

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVNIK, A. jun., inz.

"Contribution to the production of chipwood plates of different thicknesses" by E. Kehr, S.Scholzel, K.H.Grabitzki. Reviewed by A.Travnik jun. Drevo 19 no.5:196 My '64.

1. Jihlavske drevarske zavody.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

KUPRIN, Aleksandr Ivanovich, kand. tekhn. nauk; [illegible]mali uchastiye: SMORODSKIY, V.V., inzh.; GLINYANYY, Yu.V., inzh.; PIGOROV, G.S., inzh.; TRAYNIS, V.V., kand. tekhn.nauk, retsenzent;

[Pressureless hydraulic conveying] Beznapornyi gidrotransport. Moskva, Izd-vo "Nedra," 1964. 159 p. (MIRA 17:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, E.G.

Chemical binding of shifting sands in the construction of wells for watering and water supply. Trudy TIIIMSKH no.8:241-247 '57. (MIRA 15:5)

(Wells)
(Soil binding)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, E.G.

Increasing the productivity of shaft wells by trenchless installation of radial drainage. Vod. i san. tekh. no.12:34-36 D '59.
(MIRA 13:3)

(Wells)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, E.G., inzhener.

Designing roads in irrigated agricultural regions. Avt.dor. 19 no.4:18-20 Ap '56. (MLRA 9:8)
(Roads--Design)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVEN', F.I., inzh.-lesovod

Shelterbelt afforestation is an important factor in the agriculture of Soviet steppe regions. Zemledelie 8 no.7:20-26 Jl '60. (MIRA 13:9)

(Windbreaks, shelterbelts, etc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.

Travin, G. - "The exposure of ions", (On the work of the soil scientist V. A. Chernov), Illustrated by I Fridman, Znaniye -- sila, 1949, No. p. 31-33.

SO: U--4631, 16 SEpt. 53,(Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.

303304

((Karusyel')) v Laboratorii. (Mashina dlya ispytaniya myetallov sistyemy I.I. Kornilova I V. F. Prokhanova) Ill. M. Simakov. Znaniye sila, 1949, No 8, s. 32-33
v. Chyernaya Myetallurgiya

SO: LETOPIS' No. 34

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

Mavin, G.

35352. Mikroby Plodorodiya. (O Rabotakh Laureata Stalinskoy Premii M. F. Fedorova). Ill. E. Khomze. Zhanie-- Sila, 1949, No. 10, S. 34-35

SO: Letopis' Zhurnal'nykh Statey Vol. 34, Moskva, 1949

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

YUR'YEV, S., inzhener; TRAVIN, G.

A generation of giants. Znan.sila no.10:34-35 O '53. (MLRA 6:10)
(Machinery)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.

On: Astronotanical Research by Scientists

Soviet Source: P: Znaniye-Sila, No. 9 (Moscow, U.S.S.R., September, 1947)
Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 072507.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.

Travin, G. - "Black aspergillus (An antibiotic preparation of aspergilline)," Illustrated by Pavlov, Znaniye-sila, 1948, No. 11, p. 36

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.

Our tank. Voen.znan. 25 no.9:8-9 S '49. (MIRA 12:12)
(Tank warfare)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

Nadezhda Aleksandrovna Kuznetsova. Med.sestra no.3:24-25 Mr '55.
(MLRA 8:5)

1. Zamestitel' glavnogo vracha Gorodskogo kozhno-venerologicheskogo dispansera.
(KUZNETSOVA, NADEZHDA ALEKSANDROVNA)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

Registration of patients at dermatovenerological dispensaries on forms MZ SSSR 25-B and 25-V. Vest.ven. i derm. no.4:39-43 Jl-Ag '55. (MLRA 8:12)

1. Iz Leningradskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach V.I.Olekhnovich)
(SKIN, diseases, statist.records in Russia)
(VENEREAL DISEASES, statistics, records in Russia)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

TRAVIN, G.Ya.

Second Leningrad conference of Dermatologists and Venereologists, May 21-30, 1957. Vest.derm. i ven. 31 no.5:62-63 S-O '57. (MIRA 10:12)
(SKIN--DISEASES)
(VENEREAL DISEASES)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

KOZHEVNIKOV, P.V., prof.; OLEKHNOVICH, V.I.; TRAVIN, G.Ye.; KOSHELEVA, L.N.

Results of dispensary treatment of skin diseases in Leningrad. Vest. derm. i ven. 32 no.6:41-48 N-D '58. (MIRA 12:1)

1. Iz Leningradskogo gorodskogo kozhno-venerologicheskogo dispansera.
(SKIN-DISEASES, ther.
dispensery serv., results (Rus))

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

GORBOVITSKIY, S.Ye.; KOZHEVNIKOV, P.V.; TRAVIN, G.Ya.

New objectives of dermatovenereological clinics. Vest.derm.i ven. 33 no.5:8-12 S-O '59. (MIRA 13:2)
(DERMATOLOGY hosp. & clin.)
(VENEREAL DISEASES hosp. & clin.)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

MIRONOV, N.M.; TRAVIN, G.Ya.

Brief news. Vest. derm. i ven. 37 no.7:92-94 Jl '63
(MIRA 16:12)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

Sixth Leningrad City Conference of Dermatovenerologists. Vest. derm.i ven. no.12:81-83 '61. (MIRA 15:1)
(DERMATOVENEREOLOGICAL SOCIETIES)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

POLYAKOVA, Z.P.; TRAVIN, G.Ya.; BRODSKIY, S.I.

Repeated Wassermann examination of pregnant women is superfluous. Vest.derm.i ven. no.1:60-61 '62. (MIRA 15:1)

1. Leningradskiy gorodskoy kozhno-venerologicheskiy dispanser.
(SYPHILIS--DIAGNOSIS--WASSERMANN REACTION)
(PREGNANCY)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

Trichophytosis, microsporosis, and favus in Leningrad. Vest.derm. i ven. 34 no.3:44-47 My-Je '60. (MIRA 13:10)
(RINGWORM)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, G.Ya.

Incidence of skin diseases in Leningrad. Vest.derm.i ven. 33 no.4: 32-36 Jl-Ag '59. (MIRA 12:11)

1. Iz Leningradskogo gorodskogo kozhno-venereologicheskogo dispansera (glavnyy vrach V.I. Olekhnovich [deceased]).
(SKIN-DISEASES, statistics)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, I.A.

Experimental determination of the force exerted by automatic presses used for trimming. Kuz.-shtam. proizv. 1 no.8:12-14 Ag '59.
(MIRA 12:12)

(Forging machinery)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

VOSKRESENSKIY, V.V.; SAKOVICH, A.A.; BARAKAYEV, Kh.F.; TRAVIN, L.V.

Improvements of the operating conditions of rectifiers in three-phase bridge circuits. Izv. vys. uchob. zav.; elektromekh. 5 no.2:229-232 '62. (MIRA 15:3)
(Electric current rectifiers) (Bridge circuits)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

BOCDANOV, Yu.V.; KOCHIN, G.G.; KUTYREV, E.I.; TRAVIN, L.V.; FEOKTISTOV, V.P.

Geology, characteristics of the distribution and conditions governing the formation of cuprous sandstones in the northeastern part of the Olekma-Vitim highland. Sov.geol. 8 no.11: 3-18 N '65. (MIRA 19:1)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, L.V.

110-3-3/22

AUTHORS: Voskresenskiy, V.V., Candidate of Technical Sciences, and Lazarev, N.S., Travin, L.V., Engineers.

TITLE: Grid Control Arrangements for a Model of High-voltage Direct-current Transmission (Ustroystva setochnogo upravleniya modeli elektroperedachi postoyannogo toka vysokogo napryazheniya)

PERIODICAL: Vestnik Promyshlennosti, 1958, Vol.29, No.3, pp. 14 - 18 (USSR).

ABSTRACT: Extensive use is being made of models to study conditions of high-voltage d.c. transmission. The high-voltage valves are simulated by thyratrons and the grid control arrangements must ensure successive ignition of the thyratrons in the correct sequence. The basic principle of operation of the system of grid control is that at the instant when the negative locking voltage applied to the grid-cathode space of the thyratron unlocks, there is applied to it the positive voltage of a control impulse. The main properties required of the grid control device for the model are listed.

The article then describes a thyratron capacitor system of grid control with peaking transformers. A block diagram of the two-impulse system of controlling the model is given in Fig.1. The system consists of six channels with phase displacement of 60°

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Grid Control Arrangements for a Model of High-voltage Direct-current Transmission

electrical. The operation of the circuit is described. By including the primary windings of the insulating transformers, as indicated on the diagram by dotted lines, it is possible to obtain on the grids of the model thyratrons four impulses displaced by 30° electrical. Oscillograms showing the voltage wave shape at input to and output from each block are attached to Fig.1. A schematic diagram of the control system of the model is given in Fig.2. Protective arrangements are briefly discussed.

In principle, the main thyratrons can be controlled directly from the peaking transformers. However, curvature of the impulse wave front does not exceed 4 - 5 V per electrical degree. The main disadvantages of control systems using peaking transformers are: high inertia; the difficulty of using separate (per phase) regulation of the extinction voltages of the thyratrons on the inverter; and the impossibility of altering the width of the control impulse without changing the circuit.

The article then describes the electronic system of grid control which obviates these defects: a block diagram is given in Fig.3. It, too, consists of six channels with phase displacement of 60° electrical. The main elements of each channel are

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Grid Control Arrangements for a Model of High-voltage Direct-current Transmission

described. A schematic diagram of the first channel of the control system is given in Fig.4 and explained in the text. The electronic control circuit is without inertia and ensures operation over the range of $\pm 60^{\circ}$ electrical. These circuits are not limited to models and are applicable to the control of ionic instruments in other fields. Their use with crystal triodes should increase reliability and life.
There are 4 figures.

ASSOCIATION: All-Union Electro-technical Institute (Vsesoyuznyy elektrotekhnicheskiy institut)

SUBMITTED: May 15, 1957

AVAILABLE: Library of Congress

Card 3/3

1. Transformers (D.C.) 2. Thyrotrons 3. Transformers-Models

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

TRAVIN, N.; PROKOPENKO, A.

Examining the starting process of a preconnected high-pressure turbine. Tr. from the Russian. p. 156.

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenske akademii ved) Praha, Czechoslovakia. Vol. 5, no. 4, Apr. 1955.

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 11, Nov. 1959. Uncl.

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TRAVIN, N. N.

3

(2)

Fuel Abstracts
May 1954
Steam Raising
and Steam Engines

3797. STUDY OF STARTING CONDITIONS OF A HIGH-PRESSURE SUPERIMPOSED TURBINE. Prokopenko, A.G. and Travin, N.N. (Elekt. Sta. (Pwr Sta., Moscow), Oct. 1953, vol. 24, 15-21). Investigations were undertaken to determine the optimum conditions of initial heating, starting and taking up load on a type VR-18 superimposed, single-cylinder high-pressure turbine for 18,000 kW, 3000 rev/min to be operated on live steam at 109-125 atm. and 500-520°C, and back pressure 17 atm. The system of measurement, methods of initial heating of the turbine, initial heating of cylinder and valve box, flanges and pins and relevant elongation of rotor are discussed. B.C.A.

9/8/54 LM

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756510012-3

SOV/96-59-10-17/22

AUTHOR: Travin, N.N. (Engineer)

TITLE: Raising the Efficiency of Small Steam Turbine Installations

PERIODICAL: Teploenergetika, 1959, Nr 10, pp 86-88 (USSR)

ABSTRACT: The efficiency of small condensing turbines can be improved by using them for heat supply, running with impaired vacuum. This is confirmed by Table 1, where the results of tests on two turbines show that they operated railably with the reduced initial steam conditions and impaired vacuum. The relationships between the exhaust steam temperature and the back pressure in the condenser for various initial steam conditions are plotted in Fig 2. Test results on a B.T.-H. 500-kW turbine are given in Table 2, and a graphical diagram of the operating conditions is given in Fig 3. This turbine was also used to supply heat. A schematic diagram illustrating full use of the pass-out steam from a turbine type OK-30 at a Soviet power station is given in Fig 4. Data on fuel economy resulting from the use of this pass-out steam are plotted in Fig 5. The greatest amount of steam that can be tapped from the

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Raising the Efficiency of Small Steam Turbine Installations

first stage may be calculated from the graph given in Fig 6. Cases are quoted in which it was possible to increase the efficiency of small turbines by raising the initial steam conditions. The Southern Division of ORGRES investigated the possibility of raising the initial steam temperature from 270 to 350 °C on a B.T.-H. turbine. Metal samples taken from various parts of the turbine were analysed and the results, given in Table 3, indicate that the materials are of a type that can resist the higher temperatures. Bending stresses on the blades are also calculated and found acceptable. On four B.T.-H. turbines the inlet steam temperature has been raised to 330 °C, which improves the efficiency of the turbines by 9%. They have operated reliably for four months. There are 6 figures and 3 tables.

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